

CONFIDENTIAL
INFORMATION REPORT

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SUBJECT Radio Equipment at the Halle/Nietleben
Luftnachrichtenschule

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SUPPLEMENT TO
REPORT NO. 50X1-HUM

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1. Approximately twenty radio trailers of the type described below were parked between barracks blocks 4,5,6 and 7 of the Luft und Heeres Nachrichten Schule, Halle/Nietleben, on the morning of 8 May 1950.

50X1-HUM

2. Each of the units of radio equipment consisted of four main parts:

a. A trailer with four wheels with pneumatic tires. It is split at the center along its whole length to allow the mast to be folded back when in the travelling position. At each side of the trailer, boxes are fitted which in the travelling position take the aerial array.

b. A tubular and telescopic mast with the following measurements:

- 1) Base of mast approximately 30-35 cm
- 2) Head of mast approximately 10-15 cm
- 3) Length in the travelling position 4-4.5 m
- 4) The greatest extended length so far observed was 25-30 m

The mast is fitted on to the chassis, and has been observed to move through 90° vertically. So far it has not been seen to revolve, although the base of the mast has a scale showing 360°. It is erected by means of a fitted winch and subsequently supported by steel-cables fixed to the head of the mast.

50X1-HUM

c. An aerial array composed of various standard sections of grid aerial which can be combined. It should be noted that the sections which look like dipole-aerials are in fact grid-aerials.

d. Two cable drums fitted at either side of the trailer; they have a diameter of 1.20 m and revolve. The cables are rubber-covered and connect the aerial array with the interior of the radio truck; the approximate diameter of the cable is 23.30 mm.

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Dismantling procedure:

The mast was folded back into the central split by means of a winch. This took eight minutes.

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The cables were detached from the aerial and wound back onto the cable-drums.


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 50X1-HUM

- 2 -

The aerials were detached from the mast in approximately 30 seconds and packed into the boxes at the sides of the truck.

The mast was then contracted. Total time taken was 15 minutes. Five signalmen took part in the exercise.

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